

ABSTRACT OF THE DISCLOSURE

An air fuel injection engine including an injector composed of a fuel injection valve for injecting fuel and an air fuel injection valve for directly injecting fuel together with compressed air into a combustion chamber and an injector housing for holding and securing the injector to an engine body. The injector is supported on a head cover, and at least part of a compressed air supply passage for supplying compressed air to the injector is provided directly in the head cover. Further, an injector housing is formed integrally with a head cover which forms part of an engine body. With this configuration, the scale of the engine, the complication of the structure around the engine, and the number of part required can be kept to a minimum.